Applicant: Piotr Budny Appl. No.: 10/580,031

**AMENDMENTS TO THE CLAIMS** 

1. (Currently Amended) An arrangement for filling and/or emptying receptacles filled and/or to

be filled with articles, comprising:

a tray bay element;

a first reservoir that holds the receptacles, the first reservoir adapted to couple with, and

uncouple from, the tray bay element;

a device that alters the level of the receptacles;

fence elements interconnecting the first reservoir tray bay element and the device that

alters the level of the receptacles, to enclose a work chamber; and

a handling device for transporting the receptacles between the first reservoir and the

device that alters the level of the receptacles, wherein the handling device is located in the work

chamber between the device that alters the level of the receptacles and the first reservoir, and

wherein the first reservoir includes an inwardly directed side that faces towards the

handling device; and a tray bay element adapted to couple with, and uncouple from, the first

reservoir during operation of the arrangement, wherein and the tray bay element is adapted to

open and close in order to open and close provide access to the inwardly directed side of the first

reservoir.

-2-

Appl. No.: 10/580,031

2. (Currently Amended) The arrangement according to claim 1, further comprising:

second, third and fourth reservoirs that hold the receptacles; and

second, third, and fourth tray bay elements adapted to couple with, and uncouple from,

the second, third, and fourth reservoirs, respectively;

wherein the device that alters the level of the receptacles comprises a device that empties

the receptacles and a device that fills the receptacles;

wherein the fence elements interconnect the <u>tray bay element</u>, the second tray bay

element, the third tray bay element, the fourth tray bay element first reservoir, the second

reservoir, the third reservoir, the fourth reservoir, the device that empties the receptacles, and the

device that fills the receptacles into an annular cell enclosing the work chamber, the handling

device being arranged in the work chamber.

3-5. (Cancelled)

6. (Previously Presented) The arrangement according to claim 1, wherein the tray bay element

comprises a roll-up gate.

-3-

Appl. No.: 10/580,031

7. (Previously Presented) The arrangement according to claim 6, wherein the roll-up gate

includes a frame surrounding the roll-up gate, and the first reservoir is fixable to the frame.

8. (Previously Presented) The arrangement according to claim 1, wherein the first reservoir is

stationary or mobile.

9. (Previously Presented) The arrangement according to claim 1, wherein the first reservoir has

at least one compartment for receiving the receptacles.

10. (Previously Presented) The arrangement according to claim 1, wherein the first reservoir

comprises a trolley.

11. (Previously Presented) The arrangement according to claim 1, wherein the first reservoir

comprises a container trolley.

12. (Previously Presented) The arrangement according to claim 7, wherein the first reservoir

comprises a trolley, the arrangement further comprising a plate element pivotably mounted to the

frame to fix the trolley proximate to the roll-up gate.

-4-

Appl. No.: 10/580,031

13. (Previously Presented) The arrangement according to claim 1, wherein the receptacles

include a side facing out of the first reservoir having a smooth partial surface, wherein the

handling device is adapted to grip the smooth partial surface.

14. (Previously Presented) The arrangement according to claim 13, wherein the handling device

comprises:

a movable handling arm having a free end,

a gripping element which is arranged movably at the free end of the handling arm, and

at least one linear guide comprising:

a carrying element movable on the linear guide,

a holding element for the receptacles, and

a drive that moves the carrying element,

wherein the gripping element is adapted to grip the smooth partial surface of the

receptacles.

15. (Previously) The arrangement according to claim 14, wherein the gripping element

comprises elements for pushing and/or sliding the receptacles.

-5-

Appl. No.: 10/580,031

16. (Previously Presented) The arrangement according to claim 14, wherein the gripping

element has at least one suction cup for pulling the receptacles.

17. (Previously Presented) The arrangement according to claim 16, wherein the gripping

element has at least one buffer element for pushing the receptacles.

18. (Previously Presented) The arrangement according to claim 17, wherein each suction cup

and/or each buffer element is arranged on the carrying element on a side facing towards the

receptacles.

19. (Previously Presented) The arrangement according to claim 14, further comprising a

supporting element that supports the bottom of the receptacles arranged on the carrying element.

20. (Previously Presented) The arrangement according to claim 19, wherein the supporting

element is movable.

21. (Cancelled)

-6-

Applicant: Piotr Budny Appl. No.: 10/580,031

22. (Previously Presented) The arrangement according to claim 14, further comprising a sensor

element arranged on the carrying element on a side facing towards the receptacles.

23. (Previously Presented) The arrangement according to claim 14, further comprising a

monitoring element on the gripping element that monitors the contents and state of the

receptacles.

24. (Previously Presented) The arrangement according to claim 14, further comprising at least

one additional fixing element for the receptacle and/or for the contents of the receptacles located

proximate the holding element for the receptacles.

25. (Previously Presented) Arrangement for filling and/or emptying receptacles filled and/or to

be filled with articles, comprising:

at least one handling device for transporting receptacles that have been and/or are

to be filled between a reservoir and a device which alters the level of the receptacles,

at least one device which alters the level of the receptacles, and

at least one reservoir for holding receptacles that have been and/or are to be filled,

wherein the arrangement constitutes a closed unit, such that the handling device is

-7-

Appl. No.:

surrounded in cell fashion by the at least one device altering the level of the receptacles

and by the at least one reservoir,

wherein the at least one handling device comprises:

a movable handling arm having a free end,

a gripping element which is arranged movably at the free end of the

handling arm, and

at least one linear guide comprising:

a carrying element movable on the linear guide,

a movable, spring-loaded supporting element located on the

carrying element, the supporting element adapted to support a bottom of

the receptacles,

a holding element for the receptacles, and

a drive for moving the carrying element,

wherein the gripping element is adapted to grip smooth partial surfaces on

a side of the receptacles facing out of a reservoir.

-8-